

01475000 MANTUA CREEK AT PITMAN, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 39°44'13", long 75°06'48" referenced to North American Datum of 1983, Pitman Borough, Gloucester County, NJ, Hydrologic Unit 02040202, on left abutment just downstream of Wadsworth Dam on Kressey Lake, 0.9 mi east of Pitman, and 2.0 mi upstream from Porch Branch.

DRAINAGE AREA.--6.05 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record gaging station, April 1940 to September 1976, May 2003 to September 2006. Annual maximum, 1976-94, 2006 to current year.

REVISED RECORDS.--WDR NJ-1971: Drainage area.

GAGE.--Water-stage recorder collected gage heights above Wadsworth Dam from April 1940 to September 1976 at datum 10.00 higher. Crest-stage gage from October 1976 to September 1994 at stage 10.00 ft higher. Water-stage recorder collects gage heights below Wadsworth Dam from May 2003 to current year. Present datum of gage is 57.11 ft above NAVD of 1988.

REMARKS.--Several measurements of water temperature were made during the year. Satellite gage-height telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,200 ft³/s (peak flow over dam and earthen dike computations, peak was assumed to have occurred before the earthen dike broke), Sep 1, 1940, gage height, 6.64 ft, site and datum then in use.

EXTREMES FOR CURRENT YEAR.--Discharge 329 ft³/s, Aug 10 at 2245, gage height 6.04 ft.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Discharge, in ft ³ /s
Oct 17, 2007	9.65
Jan 22, 2008	10.3
Feb 29, 2008	10.1
Jun 4, 2008	53.0
Sep 15, 2008	14.5